

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1. **(Currently Amended)** A method of producing a porous solid, the pores of which are filled with a liquid electrolyte,
characterized by the steps of which comprises:
 - (i) preparing a fluid mixture comprising a first phase which includes one or more inorganic ionic components, and at least one second phase, the first phase and the second phase being essentially immiscible in the solid state,
 - (ii) cooling the fluid mixture to a temperature below the solidification point of both the first and second phase in order form a solid phase mixture comprising at least one first crystalline phase and second phase, and
 - (iii) removing the second phase to provide a porous solid of the first phase, and
 - (iv) filling the pores of the porous solid with a liquid.
2. **(Currently Amended)** The method as claimed in claim 1,
characterized in that wherein the cooling is performed under non-segregating conditions such that the first phase and second phase do not segregate.
3. **(Currently Amended)** The method as claimed in claim 1, characterized in that wherein the fluid mixture has an essentially eutectic composition.

4. **(Currently Amended)** The method as claimed in claim 1, ~~characterized in that wherein~~ the second phase is removed in step (iii) by means of solvent extraction.

5. **(Currently Amended)** The method as claimed in claim 1, ~~characterized in that wherein~~ the second phase is a substance which is soluble in aqueous media.

6. **(Currently Amended)** The method as claimed in claim 1, ~~characterized in that wherein~~ the first phase is a water-insoluble salt.

7. **(Currently Amended)** The method as claimed in claim 1, ~~characterized in that wherein~~ the second phase is a water-soluble salt which ~~is able to form~~ forms a eutectic mixture with the first phase.

8. **(Currently Amended)** The method as claimed in claim 1, ~~characterized in that wherein~~ the first phase comprises AgCl and the second phase comprises an alkali metal halide.

9. **(Currently Amended)** The method as claimed in claim 8, ~~characterized in that wherein~~ the mixture is formed from 70 mol% of AgCl and 30 mol% of KCl.

10. **(Currently Amended)** Porous ion-conducting solid, the pores of which are filled with a liquid, produced by obtainable via a method as claimed in claim 1.

11. **(Currently Amended)** An electrochemical cell which contains as the electrolyte a porous solid, the pores of which are filled with a liquid, as claimed in claim 10.

12. – 16. **(Canceled)**

17. **(New)** The method of claim 2, wherein the cooling is at a rate of 10 to 50°C per minute.

18. **(New)** A sensor which comprises an electrochemical cell as claimed in claim 11.

19. **(New)** A sensor for the determination of gases which comprises a porous solid of claim 1.

20. **(New)** A catalyst which comprises a porous solid of claim 1.

21. **(New)** A porous solid of claim 1, wherein the first phase is of an ion-conducting material.

22. **(New)** A porous solid of claim 1, wherein the liquid for filling the pores of the porous solid is an electrolyte.

23. (New) A porous solid of claim 1, wherein the pores have a size in each spatial direction of about 20 nm to 5 μm .

24. (New) A porous solid of claim 1, wherein the porous solid has a lamellar pore structure.

25. (New) A porous solid of claim 1, wherein the porous solid has a degree of porosity of 20 to 50%.